

































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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers
Bug
Tables used for layout should not include semantic markup
Bug
Tables should have headers
Bug
"<html>" element should have a language attribute
Bug
<script>...</script> elements should not be nested
Bug
"<th>" tags should have "id" or "scope" attributes
Bug
"<title>" should be present in all pages
Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags
Bug
Elements deprecated in HTML5 should not be used
Bug
HTML "<table>" should not be used for layout purposes
Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements
Code Smell
Videos should have subtitles
Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements

Analyze your code

Code Smell Major accessibility wcag2-a

If a page contains multiple <nav> or <aside> elements, each one should have an aria-label or aria-labelledby attribute so that they can be differentiated. The same rule applies when multiple elements have a role attribute with the same "landmark" value.

Landmark roles are: banner, complementary, contentinfo, form, main, navigation, search, application.

The use of ARIA markup helps users of screen readers navigate across blocks of content. For example it makes groups of links easier to locate or skip.

Noncompliant Code Example

Multiple <nav> element

```
<nav> <!-- Noncompliant -->
  <ul>
    <li>A list of navigation links</li>
  </ul>
</nav>

<article>
  <nav> <!-- Noncompliant -->
    Another list of navigation links
  </nav>
</article>
```











Repeated "landmark" role "navigation"

```
<div id="mainnav" role="navigation"> <!-- Noncompliant -->
  <h2 id="mainnavheading">Site Navigation</h2>
  <ul>
    <li>List of links</li>
  </ul>
</div>
<div id="secondarynav" role="navigation"> <!-- Noncompliant -->
  <h2 id="secondarynavheading">Related links</h2>
  <ul>
    <li>List of links</li>
  </ul>
</div>
```

Compliant Solution

```
<nav aria-label="Site menu">
  <ul>
    <li>A list of navigation links</li>
  </ul>
</nav>

<article>
  <nav aria-label="Related links">
    Another list of navigation links
```

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>

```
</nav>
</article>
```

```
<div id="mainnav" role="navigation" aria-labelledby="mai
  <h2 id="mainnavheading">Site Navigation</h2>
  <ul>
    <li>List of links</li>
  </ul>
</div>
<div id="secondarynav" role="navigation" aria-labelledby
  <h2 id="secondarynavheading">Related links</h2>
  <ul>
    <li>List of links</li>
  </ul>
</div>
```

See

- [WCAG2, ARIA11](#) - Using ARIA landmarks to identify regions of a page
- [WCAG2, H97](#) - Grouping related links using the nav element
- [WCAG2 1.3.1](#) Info and Relationships

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